

WHAT WE CLAIM IS:

5.5 B. > 1. A facsimile communication method for performing a Group 3 facsimile communications operation using an optional frame signal, comprising the steps of:

5 providing a facsimile apparatus with a memory which prestores identification information for a plurality of different facsimile machines having common specifications of optional frames;

66E150-051390  
10 receiving a call for a facsimile communications operation using an optional frame and identification information from a calling facsimile machine;

verifying said identification information sent from said calling facsimile machine with the identification information prestored in said memory;

15 canceling performance of the facsimile communications operation using the optional frame when said identification information sent from said calling facsimile machine does not correspond with the identification information prestored in said memory; and

20 executing the facsimile communications operation using the optional frame when said identification information sent from said calling facsimile machine corresponds to the identification information prestored in said memory.

25 2. The method as defined in Claim 1, wherein said identification information prestored in said memory comprises

subscriber identifications each contained in a frame TSI to be generated by each of said plurality of different facsimile machines and said identification information received in said receiving step is a subscriber identification contained in a frame TSI generated by said calling facsimile machine.

3. The method as defined in Claim 1, wherein said optional frames include SUB, SEP, and PWD in conformance with the recommendation T-30 of ITU-T.

10

4. A facsimile communication method for performing a Group 3 facsimile communications operation using optional frame signals in a calling number display service mode, comprising the steps of:

15 providing a facsimile apparatus with a memory which prestores identification information for a plurality of different facsimile machines having common specifications of optional frames;

receiving a telephone number of a calling facsimile machine during a call establishing process in said calling number display service mode and a signal requesting a facsimile communications operation using an optional frame;

20 verifying said telephone number of said calling facsimile machine received in said receiving step with the identification information prestored in said memory;

25 canceling performance of the facsimile communications

operation using said optional frame when said identification information of said calling facsimile machine does not correspond with the identification information prestored in said memory; and

5        executing the facsimile communications operation using the optional frame when said telephone number of said calling facsimile machine corresponds to the identification information prestored in said memory.

10        5.        A facsimile apparatus, comprising:  
memory means for prestoring identification information for a plurality of different facsimile machines having common specifications of optional frames;

15        modem means for receiving a call for a facsimile communications operation using an optional frame and identification information from a calling facsimile machine; and

20        controller means for verifying said identification information sent from said calling facsimile machine with the identification information prestored in said memory, canceling performance of the facsimile communications operation using the optional frame when said identification information sent from said calling facsimile machine does not correspond with the identification information prestored in  
25        said memory, and executing the facsimile communications operation using the optional frame when said identification

information sent from said calling facsimile machine corresponds to the identification information prestored in said memory.

5           6.     A facsimile apparatus, comprising:

memory for prestoring identification information for a plurality of different facsimile machines having common specifications of optional frames;

10           a modem for receiving a call for a facsimile communications operation using an optional frame and identification information from a calling facsimile machine; and

20           a controller for verifying said identification information sent from said calling facsimile machine with the identification information prestored in said memory, canceling performance of the facsimile communications operation using the optional frame when said identification information sent from said calling facsimile machine does not correspond with the identification information prestored in said memory, and executing the facsimile communications operation using the optional frame when said identification information sent from said calling facsimile machine corresponds to the identification information prestored in said memory.

25